

The George Liepa Sigma Xi Annual Speaker Series Endowed Fund Eastern Michigan University

"Invisible Solar Panels: A Revolution in Distributed Power Production"

Dr. Richard R. Lunt



Richard R. Lunt is the Johansen Crosby Endowed Associate Professor at Michigan State University where his group, the Molecular and Organic Excitonics Lab, has designed clear solar cells that can turn surfaces into power production arrays. The application potential for these invisible solar panels ranges from surfaces of mobile electronic devices to windows on skyscrapers. The group's research focuses on understanding and exploiting excitonic photophysics and molecular crystal growth to develop unique thin-film optoelectronic devices.

Lunt earned a B.S. in chemical engineering from the University of Delaware and a Ph.D., also in chemical engineering, from Princeton University in 2010. He spent one year at MIT as a postdoctoral associate before joining MSU. His innovative research has earned him a number of prestigious awards including the National Science Foundation CAREER Award, the Camille and Henry Dreyfus Postdoctoral Environmental Chemistry Mentor Award, the DuPont Young Investigator Award and the American Physical Society Ovshinsky Award. He was named to Technology Reviews' Top 35 Innovators Under 35 and has received several teaching awards while at MSU.

He is the inventor of over 20 patents and is a founder of Ubiquitous Energy Inc., which is commercializing a range of seamless light harvesting technologies.

For more information please contact:
The Graduate School at
734-487-0042 or graduate_school@emich.edu.
This event is free and open to the public.

**Thursday,
March 15, 2018
7:00-8:00 p.m.
at the
Student Center
Auditorium
900 Oakwood Ave
Ypsilanti, MI
48197**

**Dessert Reception
Immediately
Following**

